

Exhibit 300: Capital Asset Summary

Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview & Summary Information

Date Investment First Submitted: 2009-06-30
Date of Last Change to Activities: 2012-06-26
Investment Auto Submission Date: 2012-02-29
Date of Last Investment Detail Update: 2012-02-24
Date of Last Exhibit 300A Update: 2012-08-22
Date of Last Revision: 2012-08-22

Agency: 024 - Department of Homeland Security **Bureau:** 45 - Transportation Security Administration

Investment Part Code: 01

Investment Category: 00 - Agency Investments

1. Name of this Investment: TSA - TSA Operating Platform (TOP)

2. Unique Investment Identifier (Ull): 024-000005606

Section B: Investment Detail

- 1. Provide a brief summary of the investment, including a brief description of the related benefit to the mission delivery and management support areas, and the primary beneficiary(ies) of the investment. Include an explanation of any dependencies between this investment and other investments.**

The TSA Operating Platform (TOP) is a collection of shared IT components and services that support mission critical applications across TSA. Currently, over 90,000 key stakeholders benefit from TOP including: TSA Headquarters, National and International Airports, Federal Air Marshall Service, Transportation Threat Assessment & Credentialing, Federal Security Directors, Field Offices, Transportation Security offices and industry (KSMS, IACMS, STAT, VISAT). Applications residing in TOP easily disseminate information and data across TSA, resulting in improved execution of mission critical responsiveness and operations to constituents and stakeholders as matters of National Security arise. The capabilities of TOP provide the following performance characteristics and tangible benefits: Common functionality across constituent user groups, increasing communication and collaboration; High level re-use for IT component, reducing investment costs; A simplified IT environment, creating consolidated operations and maintenance support at lower costs; Shared enterprise data/content repositories, for easier, faster dissemination of critical data; Centralized security and role-based access, enabling stronger IT security efforts against potential threats; Elimination of redundant application and data stovepipes, reducing investment costs; and a single face to citizens, increasing communication during National Security issues. The TOP program is compliant with the DHS Enterprise Architecture, is sufficiently robust and scalable to directly support other DHS components, while also serving as a model for other federal,

state and local agencies. TSA upgraded this investment during the past 36 months to a highly virtualized and multi-tenant environment when the entire infrastructure migrated to DC1/2, resulting in enhanced server uptime and technology infrastructure, operations, and maintenance cost reductions. The TOP effort is dependent on the continued operations of the TSA IT Infrastructure Program to provide the core infrastructure which enables TOP to operate. Conversely, several other TSA investments rely on the continued success of TOP, such as Air Cargo, PMIS, and STIP primarily due to the fact that TOP provides the environment that these programs use to maintain their support operations. Therefore, without proper funding these programs may not have an environment to operate within and TSA employees would not have Network capability to sustain the day-to-day mission.

2. How does this investment close in part or in whole any identified performance gap in support of the mission delivery and management support areas? Include an assessment of the program impact if this investment isn't fully funded.

The TOP investment provides the backbone for all automated voice and data communications at TSA which helps close the mission critical gap to deliver an automated information network. To support an automated information network TOP also maintains all programmatic software and core mission applications, such as PARIS, the No-Fly List, and Alerts and Notifications. TOP enables a streamlined provisioning process to acquire secure and reliable information and software IT applications that have helped and will continue to help TSA meet legislative mandates and deliver integrated database and network resources. Through delivering a centralized "Platform", TOP also reduces IT lifecycle costs resulting from a "patchwork" or piecemeal approach to systems development. TOP provides TSA the capability to coordinate cyber security threats and limits the unsustainable cost growth of IT Operations and Maintenance (O&M) through increased system transparency. TOP supports several core TSA functions. Therefore, not fully funding this effort would result in the inability to deliver application functionality for mission-support solutions or develop new applications as a result of ever-changing security threats across land, sea and air. The ability of TSA to quickly identify threats and develop solutions to mitigate those threats is essential for continued success and minimizing terrorization of the general traveling public.

3. Provide a list of this investment's accomplishments in the prior year (PY), including projects or useful components/project segments completed, new functionality added, or operational efficiency achieved.

TOP delivered Secure Flight Release (SF) 3.3.1 to implement changes required to support mission, improve UI Manual Review and Resolution processes, and implement Playbook changes. TOP also led the Correspondence Control Mgmt System (CCMS) Dataloader Release 1.1, for the Office of Special Counselor (OSC) so they can respond to incoming correspondence requests from public and/or Government agencies. Correspondence Control Mgmt System (CCMS) will provide OSC with the capability to track and manage correspondence (between 8,000-9,000 packages annually). Additionally, the Claims Mgmt System (CMS) Release 2.1.4 is a public-facing site that allows claimants to search for the status of a pending claim or find status of their claim through a Claim Number and either Home City or Zip Code. CMS Status consists of the following components; a public-facing site, a Web Service, and a Database of Claimant Statuses.

4. Provide a list of planned accomplishments for current year (CY) and budget year (BY).

Following is a list of TOP's planned accomplishments for current year and budget year. Migrate the Development and Test Environment (DTE) from HQ to DC1/2. Moving to DHS data centers should help reduce the number of component data centers and therefore, reduce overhead costs and minimize application redundancies. The Office of Acquisition Database (OADB) Release 2.3.3 will assist the Office of Acquisitions (OA) in producing a "one-stop shop" for all things related to acquisitions (internal and external to OA). Phase 1, planned for CY, is designed to establish a centralized OA data repository. The iShare Information Mgmt Coordination System (IMCS) Release 1.1, upgrades the TSA SharePoint 2007 Server "i-Share" solution to a true enterprise-wide collaboration platform to enhance internal productivity, collaboration, and information sharing. i-Share v1.1 will include the new TSApedia, Enterprise level blogs, interactive discussion forums and employee profile sites known as "My Sites". A procurement is underway to provide the technical services required to enhance and expand this platform. The Enhanced Staffing Model (ESM) Release 1.0 and 1.1 release is to develop and provide TSA with a customized software application that can model staffing and equipment requirements for the current and future airports under TSA direction. The application will provide the full functionality of the current TSA Staffing Model (v 5.4) application as well as the functionality provided by the SABRE Staff Plan application. The application will support a user base of 200–300 people located across the US. Known Shipper Mgmt System (KSMS) Release 1.2 will allow industry users to vet shippers in their corporate systems automatically, without having to submit shippers individually or in batches. The 1.2 KSMS release will also deploy enhancements to the shipper matching process, thereby improving that process and will deploy further automation to the known shipper appeals process to provide more IACs with more specific reasons for a denied appeal and expedite the appeals process. Indirect Air Carrier Mgmt System (IACMS) Release 2.3 plans to complete a code refresh of the first IACMS module to address remaining high-priority usability issues. In BY13, there are 3 major activities that are scheduled to expire. They are support for EA activities, Quality Assurance Surveillance (QASP) and one support contract that encompasses various Software Silences and Maintenance Efforts.

5. Provide the date of the Charter establishing the required Integrated Program Team (IPT) for this investment. An IPT must always include, but is not limited to: a qualified fully-dedicated IT program manager, a contract specialist, an information technology specialist, a security specialist and a business process owner before OMB will approve this program investment budget. IT Program Manager, Business Process Owner and Contract Specialist must be Government Employees.

2011-07-11

Section C: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.C.1 Summary of Funding

	PY-1 & Prior	PY 2011	CY 2012	BY 2013
Planning Costs:	\$14.7	\$0.0	\$0.0	\$0.0
DME (Excluding Planning) Costs:	\$36.8	\$0.0	\$0.0	\$0.0
DME (Including Planning) Govt. FTEs:	\$8.1	\$0.0	\$0.0	\$0.0
Sub-Total DME (Including Govt. FTE):	\$59.6	0	0	0
O & M Costs:	\$692.6	\$114.9	\$139.7	\$118.5
O & M Govt. FTEs:	\$71.1	\$6.9	\$13.6	\$17.0
Sub-Total O & M Costs (Including Govt. FTE):	\$763.7	\$121.8	\$153.3	\$135.5
Total Cost (Including Govt. FTE):	\$823.3	\$121.8	\$153.3	\$135.5
Total Govt. FTE costs:	\$79.2	\$6.9	\$13.6	\$17.0
# of FTE rep by costs:	436	42	86	110
Total change from prior year final President's Budget (\$)		\$1.3	\$40.7	
Total change from prior year final President's Budget (%)		1.00%	36.00%	

2. If the funding levels have changed from the FY 2012 President's Budget request for PY or CY, briefly explain those changes:

There were small changes to 2011-15 funding, reflecting budget adjustments and addition of 2016 funds. Data center consolidation has led to greater understanding of actual costs, resulting in budget reductions. As we continue to collapse/consolidate applications, TSA becomes more efficient and cost accounting procedures/models more granular. This allows for additional cost reductions. Future IT application reviews allow for increased efficiencies and will allow TSA to assume more accountability.

Section D: Acquisition/Contract Strategy (All Capital Assets)

Table I.D.1 Contracts and Acquisition Strategy

Contract Type	EVM Required	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	Ultimate Contract Value (\$M)	Type	PBSA ?	Effective Date	Actual or Expected End Date
Awarded	7012	HSCETC08J0018	HS HQDC06D00031	7001							
Awarded	7013	HSTS0309JCI0428	HSTS0309DCI0119	7013							
Awarded	7013	HSTS0309JCI0033	HS HQDC07D00022	7001							
Awarded	7013	HSTS0309JCI0632	HS HQDC06D00021	7001							
Awarded	7013	HSTS0208JTT C201	HSTS0207DTT C001	7013							

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

Current data provided in this OMB 300 for BY 12 is based on existing contracts and planned contracts. Projected data is based on the best available information and reflects known requirements for each contract. Data for future years will be adjusted to reflect and align with actual results achieved during these planned and ongoing acquisition efforts. The TOP Program Office recognizes the need for monitoring cost and schedule performance on all of its contracts. Steps have been taken to ensure that future contracts are not only performance based but also Firm Fixed Price, which will minimize the risks of performance and budgetary failure of the contracts. Even though TOP is currently in an Operations and Maintenance state, for which EVM is not required, there is one contract which will have EVM requirements. For all other contracts which do not include or require EVM, the following methods will apply: For Cost control, both budget and invoices will be validated and managed at the project level. The schedule will be managed by comparing the physical work completed versus work planned. The performance will be measured by verification of deliverables and customer satisfaction.

Exhibit 300B: Performance Measurement Report

Section A: General Information

Date of Last Change to Activities: 2012-06-26

Section B: Project Execution Data

Table II.B.1 Projects

Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)
1	Enterprise Applications	Application and infrastructure operational support.			
2	Applications Development	Development and maintenance of mission support applications.			

Activity Summary

Roll-up of Information Provided in Lowest Level Child Activities

Project ID	Name	Total Cost of Project Activities (\$M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance (\$M)	Cost Variance (%)	Total Planned Cost (\$M)	Count of Activities
1	Enterprise Applications							
2	Applications Development							

Key Deliverables

Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
1	TSA Alerts and Warnings Integration	Integrates TSA data with DHS/USCG	2012-02-24	2012-02-24	2012-02-24	238	0	0.00%

Key Deliverables								
Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
		Alerts & Warnings System						

Section C: Operational Data

Table II.C.1 Performance Metrics

Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
Increase percentage of service restored or repaired on first call.	Percent	Customer Results - Customer Benefit	Over target	90.000000	100.000000	100.000000	100.000000	Semi-Annual
Decrease number of minutes which elapse from notification of application outage to notifying 100% of the customer base (ie, mass email).	Number	Customer Results - Timeliness and Responsiveness	Under target	45.000000	30.000000	31.000000	30.000000	Semi-Annual
Increase percentage of operational availability of mission critical collaboration servers (Exchange, Blackberry, Voice Over IP), taking into account hours of service, downtime and service hours.	Percent	Technology - Reliability and Availability	Over target	92.000000	99.990000	99.000000	99.000000	Semi-Annual
Maintain percentage of operational availability of TOP, taking into account hours of service, downtime and service hours.	Percent	Technology - Reliability and Availability	Over target	98.000000	99.000000	99.000000	99.000000	Monthly
Maintain percentage of DHS-required Program reporting submitted, must be between 99% and 100%.	Percent	Mission and Business Results - Support Delivery of Services	Over target	99.000000	100.000000	100.000000	100.000000	Semi-Annual
Maintain percentage of actual vs. scheduled Program Management	Percent	Process and Activities - Management and Innovation	Over target	99.000000	100.000000	100.000000	100.000000	Semi-Annual

Table II.C.1 Performance Metrics

Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
Reviews.								
Maintain percentage of In-Process Reviews conducted vs. scheduled as required according to DHS MD 0007.1.	Percent	Process and Activities - Management and Innovation	Over target	99.000000	100.000000	100.000000	100.000000	Semi-Annual
Decrease average latency in seconds, calculated from system monitoring software, measured at regular intervals.	Number	Technology - Efficiency	Under target	4.000000	2.500000	3.000000	2.500000	Semi-Annual
Maintain percentage of contractually-mandated QASP requirements that are in compliance.	Percent	Process and Activities - Management and Innovation	Over target	99.000000	100.000000	100.000000	100.000000	Semi-Annual
Maintain percentage of Integrated Project/Product Teams' actual meetings vs. required/scheduled meetings.	Percent	Process and Activities - Management and Innovation	Over target	98.000000	99.000000	99.000000	99.000000	Semi-Annual
Increase percentage of Customer Satisfaction Reviews that receive a grade of 92% or higher.	Percent	Customer Results - Customer Benefit	Over target	80.000000	90.000000	90.000000	92.000000	Semi-Annual